

1

00:00:00,000 --> 00:00:03,000

Do not try what you're about to see at home.

2

00:00:03,060 --> 00:00:05,000

We're what you call experts.

3

00:00:05,060 --> 00:00:06,500

Ow!

4

00:00:06,560 --> 00:00:10,840

On this gun-toting episode of Mythbusters...

5

00:00:10,900 --> 00:00:15,180

The team comes out all guns blazing...

6

00:00:15,240 --> 00:00:21,480

as they take aim at eight full-bore firearm stables.

7

00:00:21,540 --> 00:00:25,360

Can a hero survive a rain of fire?

8

00:00:25,420 --> 00:00:28,220

Does the cowboy who draws first

9

00:00:28,240 --> 00:00:29,740

die first?

10

00:00:29,820 --> 00:00:32,680

I'm dead, dead, dead as a doorknob.

11

00:00:32,740 --> 00:00:35,220

And can you nail someone with a nail gun?

12

00:00:35,280 --> 00:00:36,620

Ow! Look at that!

13

00:00:36,680 --> 00:00:38,720

But that's just the start.

14

00:00:38,780 --> 00:00:41,920

With machine gun versus stairs,

15

00:00:41,980 --> 00:00:45,920

bizarre bullets, and double the trouble.

16

00:00:46,000 --> 00:00:49,160

I'm taking out Jamie's left arm with extreme prejudice.

17

00:00:49,220 --> 00:00:53,400

So get ready to go gun-hole as we lock and load

18

00:00:53,460 --> 00:00:57,100

in the ultimate gunslinging extravaganza.

19

00:00:57,100 --> 00:00:59,100

You feel lucky, punk?

20

00:00:59,180 --> 00:01:01,100

Ha!

21

00:01:01,180 --> 00:01:05,180

Who are the Mythbusters?

22

00:01:05,240 --> 00:01:07,080

Adam Savage.

23

00:01:07,140 --> 00:01:08,220

That's science.

24

00:01:08,280 --> 00:01:09,480

And Jamie Heineman.

25

00:01:09,540 --> 00:01:11,480

I'm ready.

26

00:01:11,540 --> 00:01:16,180

Between them more than 30 years of special effects experience,

27

00:01:16,260 --> 00:01:18,180

together with Brad Imahara...

28

00:01:18,260 --> 00:01:19,720

Into the belly of the beast.

29

00:01:19,780 --> 00:01:20,820

Kerry Byron.

30

00:01:20,900 --> 00:01:22,260

And a wrecked-this-car.

31

00:01:22,320 --> 00:01:23,860

And Tori Belachie.

32

00:01:23,920 --> 00:01:25,360

Woo-hoo!

33

00:01:25,380 --> 00:01:27,720

They'll just tell the Myths.

34

00:01:27,780 --> 00:01:30,220

They put them to the test.

35

00:01:36,960 --> 00:01:39,000

It's the Hollywood Gun Special,

36

00:01:39,060 --> 00:01:41,200

and the Mythbusters are going full listing

37

00:01:41,260 --> 00:01:44,600

with a chamber full of firearms folklore.

38

00:01:45,680 --> 00:01:50,040

So you're a cowboy, and you're...

39

00:01:50,100 --> 00:01:51,080

What are you?

40

00:01:51,140 --> 00:01:52,580

I'm a sniper, Kato.

41

00:01:52,580 --> 00:01:55,240

Not really, but I'm pretty sure we're doing a special on guns.

42

00:01:55,300 --> 00:01:56,340

Exactly.

43

00:01:56,400 --> 00:01:58,440

We've got a whole show all about Hollywood gun myths.

44

00:01:58,500 --> 00:02:00,440

And believe me, we've got a lot of them.

45

00:02:00,500 --> 00:02:02,380

Yeah, some of them are movie-specific,

46

00:02:02,440 --> 00:02:03,680

like the scene from True Lies,

47

00:02:03,740 --> 00:02:06,620

where Jamie Lee Curtis drops a machine gun down a stairs.

48

00:02:06,680 --> 00:02:08,920

The machine gun goes off and kills all the bad guys.

49

00:02:08,980 --> 00:02:10,420

And some are plastic cliches,

50

00:02:10,480 --> 00:02:12,320

like who would win in a quick draw?

51

00:02:12,380 --> 00:02:14,320

Is it the bad guy who pulls first,

52

00:02:14,380 --> 00:02:15,720

or the good guy who reacts?

53

00:02:15,780 --> 00:02:16,720

I love it.

54

00:02:16,780 --> 00:02:19,060

First up is the Myth we're calling Unlimited Ammo.

55

00:02:19,120 --> 00:02:22,560

Yeah, this is from one of the most popular movies

56

00:02:22,620 --> 00:02:24,360

from one of those classic action films,

57

00:02:24,420 --> 00:02:26,360

where there's this never-ending gun fight,

58

00:02:26,420 --> 00:02:30,060

where they continue to shoot round after round after round.

59

00:02:30,120 --> 00:02:31,560

We know that guns have magazines

60

00:02:31,620 --> 00:02:34,100

with a finite amount of rounds, so what's the test?

61

00:02:34,160 --> 00:02:35,160

Well, I think we need to find out

62

00:02:35,220 --> 00:02:37,500

how long it actually takes to empty a magazine,

63

00:02:37,560 --> 00:02:40,440

and then we'll know how long a Hollywood gun fight should take.

64

00:02:40,500 --> 00:02:41,940

I like it.

65

00:02:42,000 --> 00:02:43,840

So for a trial by time,

66

00:02:43,900 --> 00:02:46,480

the Mythbusters hit the road for the range.

67

00:02:46,540 --> 00:02:48,280

Whoo!

68

00:02:48,340 --> 00:02:50,540

I have a shoot for science.

69

00:02:50,580 --> 00:02:52,580

I feel like shooting guns today.

70

00:02:54,880 --> 00:02:57,920

And to test this Myth, they'll need a timer,

71

00:02:57,980 --> 00:03:01,380

and a plan of automatic action.

72

00:03:01,460 --> 00:03:03,720

Now to test this, we'll start out here behind the blind.

73

00:03:03,780 --> 00:03:05,520

We'll step out, just like in an action movie,

74

00:03:05,580 --> 00:03:06,620

and begin firing.

75

00:03:06,680 --> 00:03:09,320

When we begin firing, our digital timer's gonna start,

76

00:03:09,400 --> 00:03:11,100

we'll time exactly how long it takes

77

00:03:11,160 --> 00:03:13,160

to deplete our magazines.

78

00:03:13,220 --> 00:03:15,800

And this is the Mythbusters Hollywood action

79

00:03:15,860 --> 00:03:17,400

and war movie arsenal.

80

00:03:17,460 --> 00:03:20,040

We have the Mach 10, famous from True Lies.

81

00:03:20,060 --> 00:03:22,440

We have the Uzi, which you might have seen in the Terminator.

82

00:03:22,500 --> 00:03:26,180

The AK-47, which was famous for Rambo,

83

00:03:26,240 --> 00:03:28,580

and the M16, which you may have seen in movies

84

00:03:28,640 --> 00:03:29,840

like Full Metal Jacket.

85

00:03:29,920 --> 00:03:32,380

We're gonna start small and work our way up.

86

00:03:32,440 --> 00:03:36,380

And first up with the smallest automatic weapon is Tori.

87

00:03:36,460 --> 00:03:38,880

The Mach 10 submachine gun.

88

00:03:38,960 --> 00:03:40,720

Compact, simple, deadly.

89

00:03:40,780 --> 00:03:44,160

And I'd be lying if I said I wasn't excited to shoot this.

90

00:03:44,220 --> 00:03:45,760

Say hello to my little friend.

91

00:03:45,820 --> 00:03:48,260

You guys ready? Ready. Here we go.

92

00:03:48,260 --> 00:03:52,720

Two seconds.

93

00:03:52,780 --> 00:03:54,660

Oh, my gosh.

94

00:03:54,720 --> 00:03:57,700

That's not a whole lot of action hero style.

95

00:03:57,760 --> 00:03:59,460

I'm a little bit jealous right now.

96

00:03:59,520 --> 00:04:01,360

Just a little bit jealous.

97

00:04:01,440 --> 00:04:03,140

I'm gonna have to say that was one of the best feelings

98

00:04:03,200 --> 00:04:04,940

I've ever had in my life.

99

00:04:05,000 --> 00:04:08,000

I think I might go to check my pants real quick.

100

00:04:08,080 --> 00:04:10,940

It was all over in the blink of an eye.

101

00:04:11,000 --> 00:04:16,120

Tori emptied the Mach 10 magazine in under two seconds.

102

00:04:16,140 --> 00:04:19,580

But will the Uzi beat just as quick on the draw?

103

00:04:22,520 --> 00:04:24,120

This is Uzi 9mm.

104

00:04:27,680 --> 00:04:29,220

At, yes.

105

00:04:29,280 --> 00:04:31,820

The Uzi is done faster than Grant can let out

106

00:04:31,880 --> 00:04:33,420

a homicidal scream.

107

00:04:36,500 --> 00:04:38,160

25 rounds in two seconds.

108

00:04:38,220 --> 00:04:39,360

Two seconds.

109

00:04:39,440 --> 00:04:41,800

Up next, AK-47.

110

00:04:41,860 --> 00:04:43,400

I'm gonna get my Rambo on.

111

00:04:43,460 --> 00:04:45,200

Two seconds is the time to beat,

112

00:04:45,240 --> 00:04:49,740

so it's over to Carrie with automatic weapon number three.

113

00:04:49,800 --> 00:04:51,040

That looks deadly.

114

00:04:51,100 --> 00:04:53,540

All right, Carrie, show us what you got.

115

00:04:58,820 --> 00:05:00,380

Two seconds. Wow.

116

00:05:00,440 --> 00:05:02,480

That was fast.

117

00:05:02,540 --> 00:05:05,920

Carrie came out all guns blazing,

118

00:05:05,980 --> 00:05:09,420

and just like the other guns, she's out in two seconds,

119

00:05:09,480 --> 00:05:13,060

which is not looking good for the extended Hollywood fire.

120

00:05:15,960 --> 00:05:19,560

Gun number four is the biggest and the baddest of the lot,

121

00:05:19,640 --> 00:05:22,260

the M16.

122

00:05:22,340 --> 00:05:23,540

M16, here we go.

123

00:05:25,740 --> 00:05:27,500

And when it repeats the pattern,

124

00:05:27,580 --> 00:05:29,980

unloading it's lead in two seconds,

125

00:05:30,040 --> 00:05:34,280

it's clear this Hollywood gunfight is on thin ice.

126

00:05:34,340 --> 00:05:36,380

Nothing so far has been longer than two seconds.

127

00:05:36,440 --> 00:05:38,280

You know what, this movie myth is looking busted.

128

00:05:38,340 --> 00:05:40,080

I mean, in the movies, they shoot for days.

129

00:05:40,140 --> 00:05:41,620

We only lasted two seconds.

130

00:05:41,680 --> 00:05:44,320

Oh!

131

00:05:44,340 --> 00:05:46,340

Yeah, but you never actually see the reload.

132

00:05:46,420 --> 00:05:47,780

What if we add that into the equation?

133

00:05:47,840 --> 00:05:50,880

We shoot, reload, shoot again, and time the whole thing.

134

00:05:50,960 --> 00:05:52,280

I like where your head's at.

135

00:05:57,460 --> 00:06:00,260

Next up, a myth that's a blast from the past.

136

00:06:02,300 --> 00:06:05,400

When the mythbusters took a stance on cinematic stances...

137

00:06:07,500 --> 00:06:08,840

I really like how that feels.

138

00:06:08,900 --> 00:06:11,000

It's like a rocking horse of death.

139

00:06:11,020 --> 00:06:14,620

They found that Hollywood is more style than substance.

140

00:06:16,960 --> 00:06:20,160

But the fans say there's more to this firearms fashion.

141

00:06:22,900 --> 00:06:24,400

So, you know, since that episode aired,

142

00:06:24,460 --> 00:06:27,340

fans say they spotted a mistake in our methodology.

143

00:06:27,400 --> 00:06:28,400

What's that?

144

00:06:28,480 --> 00:06:29,940

Well, when we were doing the double firing,

145

00:06:30,000 --> 00:06:31,740

we were firing in a logical manner,

146

00:06:31,820 --> 00:06:33,340

i.e. alternating our shots.

147

00:06:33,420 --> 00:06:35,180

Bang, bang, bang, bang, bang, bang, bang.

148

00:06:36,240 --> 00:06:37,520

But Hollywood's not a logical one.

149

00:06:37,580 --> 00:06:38,780

No, it isn't.

150

00:06:38,860 --> 00:06:40,280

And fans pointed out that they've seen movies

151

00:06:40,300 --> 00:06:42,940

where people were firing both guns simultaneously.

152

00:06:43,000 --> 00:06:45,040

So they want us to do the test again,

153

00:06:45,100 --> 00:06:47,280

firing at both single and double targets,

154

00:06:47,340 --> 00:06:50,980

but this time firing both guns simultaneously.

155

00:06:51,040 --> 00:06:52,180

Well, I'm for that.

156

00:06:55,180 --> 00:06:58,720

And to find out if a synchronized double is more effective,

157

00:06:58,780 --> 00:07:00,460

they're at the Rotten Gun Club.

158

00:07:01,520 --> 00:07:04,120

Our scoring methodology is gonna be the same as last time.

159

00:07:04,200 --> 00:07:05,760

Let me refresh your memory.

160

00:07:05,820 --> 00:07:08,460

Here in the black, that's 10 points, seven points.

161

00:07:08,480 --> 00:07:11,280

In the white, six points, and in the red, five points.

162

00:07:11,360 --> 00:07:13,180

We tally up all the bullet holes,

163

00:07:13,260 --> 00:07:15,420

divide by the amount of time it took to shoot them,

164

00:07:15,480 --> 00:07:16,720

and we get our score.

165

00:07:16,800 --> 00:07:18,060

Now, when we did this test the first time,

166

00:07:18,120 --> 00:07:20,760

our control score was 7.3.

167

00:07:20,820 --> 00:07:21,960

That is our target.

168

00:07:22,020 --> 00:07:24,660

Anything close to or above that proves that the techniques

169

00:07:24,720 --> 00:07:27,900

we're gonna be trying are actually effective.

170

00:07:27,960 --> 00:07:30,340

So, first up, it's double or nothing for Janie,

171

00:07:30,400 --> 00:07:32,500

as he gives this myth both barrels.

172

00:07:33,780 --> 00:07:34,780

Stand by.

173

00:07:35,440 --> 00:07:36,300

Let me use that.

174

00:07:43,540 --> 00:07:44,880

Man, nice grouping.

175

00:07:44,940 --> 00:07:46,600

That looks like a good score.

176

00:07:46,680 --> 00:07:49,580

Jamie certainly was firing on both cylinders.

177

00:07:50,880 --> 00:07:53,600

His simultaneous shots all hit the target.

178

00:07:53,700 --> 00:07:56,960

And his points are impressive.

179

00:07:57,020 --> 00:07:58,260

69 points.

180

00:07:58,340 --> 00:07:59,760

Nice work, Heinemann.

181

00:08:00,840 --> 00:08:01,640

Nice work.

182

00:08:01,700 --> 00:08:03,000

And divided by his time,

183

00:08:03,000 --> 00:08:05,640

that gets him a score of 9.3.

184

00:08:05,640 --> 00:08:07,640

So now it's over to Adam.

185

00:08:07,640 --> 00:08:14,140

MUSIC

186

00:08:14,140 --> 00:08:17,140

Unlike Jamie, Adam's aim was a little off.

187

00:08:17,140 --> 00:08:19,140

Oh, man.

188

00:08:19,140 --> 00:08:21,140

I clustered all over on the right side.

189

00:08:21,140 --> 00:08:23,140

Look it, I've taken out Jamie's left arm

190

00:08:23,140 --> 00:08:25,640

with extreme prejudice.

191

00:08:25,640 --> 00:08:28,140

But he still got some points on the target.

192

00:08:28,140 --> 00:08:30,140

37. 37.

193

00:08:30,780 --> 00:08:32,780

Which, when tallied for his score,

194

00:08:32,780 --> 00:08:36,780

makes this simultaneous double-shot technique look plausible.

195

00:08:36,780 --> 00:08:39,280

At this point, firing both guns simultaneously

196

00:08:39,280 --> 00:08:41,280

at a single target like so,

197

00:08:41,280 --> 00:08:44,780

I got a 9.3, Adam got a 6.9,

198

00:08:44,780 --> 00:08:47,280

and that gives us an average of 8.1,

199

00:08:47,280 --> 00:08:50,280

which is very respectable given that our control

200

00:08:50,280 --> 00:08:52,280

was 7.3.

201

00:08:52,280 --> 00:08:54,280

Very respectable.

202

00:08:54,280 --> 00:08:57,780

But to put this double barreling to the ultimate test,

203

00:08:58,420 --> 00:09:00,420

next they're doubling the targets.

204

00:09:00,420 --> 00:09:02,420

Coming when you're ready?

205

00:09:02,420 --> 00:09:04,420

Yeah, I'm ready.

206

00:09:04,420 --> 00:09:06,420

Stand by.

207

00:09:06,420 --> 00:09:14,420

MUSIC

208

00:09:14,420 --> 00:09:18,420

Jamie, dude, you were like killing it.

209

00:09:18,420 --> 00:09:21,420

MUSIC

210

00:09:21,420 --> 00:09:23,420

Very good.

211

00:09:23,420 --> 00:09:26,420

28. 41. 69 points.

212

00:09:27,060 --> 00:09:29,060

Jamie's points are on the board,

213

00:09:29,060 --> 00:09:31,060

giving him a final score of 8.3.

214

00:09:31,060 --> 00:09:34,060

But to call this, they need the average.

215

00:09:34,060 --> 00:09:37,060

So it's over to Adam for the final double act.

216

00:09:37,060 --> 00:09:45,060

MUSIC

217

00:09:45,060 --> 00:09:47,060

Nice scoring on the right hand.

218

00:09:47,060 --> 00:09:49,060

Yeah, on the left hand.

219

00:09:49,060 --> 00:09:51,060

Not so awesome.

220

00:09:51,060 --> 00:09:53,060

All right, I got 42.

221

00:09:53,060 --> 00:09:55,060

What did you get?

222

00:09:55,700 --> 00:09:57,700

17.

223

00:09:57,700 --> 00:09:59,700

59, not bad.

224

00:09:59,700 --> 00:10:01,700

And that tells the story.

225

00:10:01,700 --> 00:10:03,700

The average for the double target test

226

00:10:03,700 --> 00:10:05,700

is just above the control.

227

00:10:05,700 --> 00:10:07,700

The fans were totally right.

228

00:10:07,700 --> 00:10:09,700

Shooting simultaneously,

229

00:10:09,700 --> 00:10:11,700

worth trying, and actually better.

230

00:10:11,700 --> 00:10:15,700

MUSIC

231

00:10:15,700 --> 00:10:17,700

After the break,

232

00:10:17,700 --> 00:10:19,700

there's still more automatic action.

233

00:10:19,700 --> 00:10:21,700

This is going to be fun.

234

00:10:21,700 --> 00:10:23,700

And later, we'll Tory,

235

00:10:24,340 --> 00:10:26,340

John, get me history.

236

00:10:26,340 --> 00:10:30,340

MUSIC

237

00:10:30,340 --> 00:10:32,340

According to the movies,

238

00:10:32,340 --> 00:10:34,340

when it comes to guns,

239

00:10:34,340 --> 00:10:36,340

you'll never run short on ammo.

240

00:10:36,340 --> 00:10:38,340

MUSIC

241

00:10:38,340 --> 00:10:40,340

But unsurprisingly,

242

00:10:40,340 --> 00:10:42,340

this cinematic cliché is looking dubious.

243

00:10:42,340 --> 00:10:44,340

MUSIC

244

00:10:44,340 --> 00:10:46,340

So, what if there was a reload

245

00:10:46,340 --> 00:10:48,340

that we didn't see offscreen?

246

00:10:48,340 --> 00:10:50,340

All right, this is Mac 10,

247

00:10:50,340 --> 00:10:52,340

unloading full magazine,

248

00:10:52,340 --> 00:10:54,340

reloading magazine again.

249

00:10:54,340 --> 00:10:56,340

In three, two, one.

250

00:10:56,340 --> 00:10:58,340

MUSIC

251

00:10:58,340 --> 00:11:00,340

Reload.

252

00:11:00,340 --> 00:11:02,340

MUSIC

253

00:11:02,340 --> 00:11:04,340

MUSIC

254

00:11:04,340 --> 00:11:06,340

All right, 10 seconds.

255

00:11:06,340 --> 00:11:08,340

That was really fast.

256

00:11:08,340 --> 00:11:10,340

Yeah, you know what?

257

00:11:10,340 --> 00:11:12,340

Concerning half that time, it was a reload.

258

00:11:12,340 --> 00:11:14,340

That didn't suck.

259

00:11:14,340 --> 00:11:16,340

With twice the ammo,

260

00:11:16,340 --> 00:11:18,340

Tory's firing time blew out to 10 seconds.

261

00:11:18,340 --> 00:11:20,340

Reload.

262

00:11:20,340 --> 00:11:22,340

And it's still far near long enough

263

00:11:22,340 --> 00:11:24,340

for an action movie shoot-em-up.

264

00:11:24,340 --> 00:11:26,340

MUSIC

265

00:11:26,340 --> 00:11:28,340

So, Grant tries with the Uzi.

266

00:11:28,340 --> 00:11:30,340

MUSIC

267

00:11:30,340 --> 00:11:32,340

MUSIC

268

00:11:32,340 --> 00:11:34,340

MUSIC

269

00:11:34,340 --> 00:11:36,340

MUSIC

270

00:11:36,340 --> 00:11:38,340

MUSIC

271

00:11:38,340 --> 00:11:40,340

All right, he's out in 10 seconds.

272

00:11:40,340 --> 00:11:42,340

That's ridiculous.

273

00:11:42,340 --> 00:11:44,340

Can you imagine a 10-second firefight in an action movie?

274

00:11:44,340 --> 00:11:46,340

No, you see action movies and they are firing forever.

275

00:11:46,340 --> 00:11:48,340

So, we're going to try this again

276

00:11:48,340 --> 00:11:50,340

with the easiest to load weapon

277

00:11:50,340 --> 00:11:52,340

with the most number of magazines that we have available,

278

00:11:52,340 --> 00:11:54,340

which is four,

279

00:11:54,340 --> 00:11:56,340

for a total of 100 bullets in the Uzi.

280

00:11:56,340 --> 00:11:58,340

A hundred bullets

281

00:11:58,340 --> 00:12:00,340

and four times the amount of ammo.

282

00:12:00,340 --> 00:12:02,340

But will that get them a cinematic span

283

00:12:02,340 --> 00:12:04,340

of continuous fire?

284

00:12:04,340 --> 00:12:06,340

Here we go.

285

00:12:06,340 --> 00:12:08,340

Three, two, one.

286

00:12:08,340 --> 00:12:10,340

He's out. Reload.

287

00:12:10,340 --> 00:12:12,340

He's out. Reload.

288

00:12:12,340 --> 00:12:14,340

MUSIC

289

00:12:14,340 --> 00:12:16,340

He's out. Reload.

290

00:12:16,340 --> 00:12:18,340

MUSIC

291

00:12:18,340 --> 00:12:20,340

He's out. Reload.

292

00:12:20,340 --> 00:12:22,340

MUSIC

293

00:12:22,340 --> 00:12:24,340

He's out. Reload.

294

00:12:24,340 --> 00:12:26,340

MUSIC

295

00:12:26,340 --> 00:12:28,340

He's out. Reload.

296

00:12:28,340 --> 00:12:30,340

MUSIC

297

00:12:30,340 --> 00:12:32,340

Done. All right.

298

00:12:32,340 --> 00:12:34,340

27 seconds.

299

00:12:34,340 --> 00:12:36,340

This myth is busted.

300

00:12:36,340 --> 00:12:38,340

MUSIC

301

00:12:38,340 --> 00:12:40,340

MUSIC

302

00:12:40,340 --> 00:12:42,340

MUSIC

303

00:12:42,340 --> 00:12:44,340

MUSIC

304

00:12:44,340 --> 00:12:46,340

Look, we can't very well do an episode

305

00:12:46,340 --> 00:12:48,340

about Hollywood gun myths without addressing

306

00:12:48,340 --> 00:12:50,340

a few cliches which, despite our busting them,

307

00:12:50,340 --> 00:12:52,340

Hollywood keeps on rolling out.

308

00:12:52,340 --> 00:12:54,340

Like what?

309

00:12:54,340 --> 00:12:56,340

I was watching Mission Impossible 4

310

00:12:56,340 --> 00:12:58,340

and there's this chase scene that ends

311

00:12:58,340 --> 00:13:00,340

with the good guys driving a car

312

00:13:00,340 --> 00:13:02,340

into a body of water

313

00:13:02,340 --> 00:13:04,340

and then the bad guys show up

314

00:13:04,340 --> 00:13:06,340

and unload hundreds of rounds into the water.

315

00:13:06,340 --> 00:13:08,340

The good guys are under the water

316

00:13:08,340 --> 00:13:10,340

covering as these bullets are whizzing

317

00:13:10,340 --> 00:13:12,340

by them through the water.

318

00:13:12,340 --> 00:13:14,340

They're still in focus.

319

00:13:14,340 --> 00:13:16,340

We know it's bogus, but Hollywood

320

00:13:16,340 --> 00:13:18,340

still doesn't seem to have learned.

321

00:13:18,340 --> 00:13:20,340

Let's show them why it's bogus.

322

00:13:20,340 --> 00:13:22,340

Roll the tape.

323

00:13:22,340 --> 00:13:24,340

Yep, the myth busters know all about

324

00:13:24,340 --> 00:13:26,340

the incompressibility of water.

325

00:13:26,340 --> 00:13:28,340

Whoa, there's a problem.

326

00:13:28,340 --> 00:13:30,340

Ha ha ha ha ha.

327

00:13:30,340 --> 00:13:32,340

Testing if you could shoot an underwater enemy.

328

00:13:32,340 --> 00:13:34,340

The box jellyfish is one of the most lethal

329

00:13:34,340 --> 00:13:36,340

foes you'll encounter in your average swimming pool.

330

00:13:36,340 --> 00:13:38,340

They put a ballistics gel cube target

331

00:13:38,340 --> 00:13:40,340

four feet below the surface

332

00:13:40,340 --> 00:13:42,340

and took a one.

333

00:13:42,340 --> 00:13:44,340

There is no bullet in the ballistics gel.

334

00:13:44,340 --> 00:13:46,340

But every single bullet

335

00:13:46,340 --> 00:13:48,340

decelerated so fast

336

00:13:48,340 --> 00:13:50,340

they split into fragments.

337

00:13:50,340 --> 00:13:52,340

Wow, this thing's breaking up the minute

338

00:13:52,340 --> 00:13:54,340

it hits the water. No wonder we can't hit

339

00:13:54,340 --> 00:13:56,340

the ballistics gel.

340

00:13:56,340 --> 00:13:58,340

And not even the super powered 50 cal

341

00:13:58,340 --> 00:14:00,340

could make it past the four foot mark.

342

00:14:00,340 --> 00:14:02,340

One.

343

00:14:02,340 --> 00:14:04,340

The water obviously

344

00:14:04,340 --> 00:14:06,340

has a profound effect on the bullet

345

00:14:06,340 --> 00:14:08,340

in completely eliminating

346

00:14:08,340 --> 00:14:10,340

its deadliness very quickly.

347

00:14:10,340 --> 00:14:12,340

So, please, Hollywood,

348

00:14:12,340 --> 00:14:14,340

the science says no.

349

00:14:14,340 --> 00:14:16,340

Oh, oh, oh.

350

00:14:20,340 --> 00:14:22,340

Next up,

351

00:14:22,340 --> 00:14:24,340

the myth busters step on it.

352

00:14:24,340 --> 00:14:26,340

Alright, so this next myth we alluded to earlier,

353

00:14:26,340 --> 00:14:28,340

where Jamie Lee Curtis is handed

354

00:14:28,340 --> 00:14:30,340

a Mac 10 machine gun.

355

00:14:30,340 --> 00:14:32,340

She fumbles it, drops it, it goes down

356

00:14:32,340 --> 00:14:34,340

a set of stairs and begins going off

357

00:14:34,340 --> 00:14:36,340

and miraculously kills all the bad guys.

358

00:14:36,340 --> 00:14:38,340

Now, we can't test the miraculous aim,

359

00:14:38,340 --> 00:14:40,340

but we can test whether dropping a Mac 10

360

00:14:40,340 --> 00:14:42,340

down a flight of stairs will go off.

361

00:14:42,340 --> 00:14:44,340

Alright, machine gun and a set of stairs coming up.

362

00:14:44,340 --> 00:14:46,340

Can we get Jamie Lee Curtis for this one?

363

00:14:46,340 --> 00:14:48,340

This dramatic ballistic bounce

364

00:14:48,340 --> 00:14:50,340

all comes down to the gravity

365

00:14:50,340 --> 00:14:52,340

of the situation.

366

00:14:52,340 --> 00:14:54,340

Could a dropped machine gun really

367

00:14:54,340 --> 00:14:56,340

have a stair trigger?

368

00:14:58,340 --> 00:15:00,340

So this is the plan to test the myth.

369

00:15:00,340 --> 00:15:02,340

We have the Mac 10 just like from the movie.

370

00:15:02,340 --> 00:15:04,340

It'll have 30 rounds, there'll be blanks.

371

00:15:04,340 --> 00:15:06,340

We have the staircase just like the film,

372

00:15:06,340 --> 00:15:08,340

and what we're going to do is we're going to release

373

00:15:08,340 --> 00:15:10,340

the gun as if somebody was holding it

374

00:15:10,340 --> 00:15:12,340

and dropping it.

375

00:15:12,340 --> 00:15:14,340

And then we'll see as it falls down the stairs

376

00:15:14,340 --> 00:15:16,340

if it does in fact go off by itself

377

00:15:16,340 --> 00:15:18,340

just like the movie.

378

00:15:18,340 --> 00:15:20,340

Now, in the movie, Jamie Lee Curtis is actively firing

379

00:15:20,340 --> 00:15:22,340

the weapon when the recoil causes her to drop it.

380

00:15:22,340 --> 00:15:24,340

So, the safety would be off.

381

00:15:24,340 --> 00:15:26,340

In our case, safety's going to be off,

382

00:15:26,340 --> 00:15:28,340

it's going to be ready to fire.

383

00:15:28,340 --> 00:15:30,340

I think that an accidental discharge is possible.

384

00:15:30,340 --> 00:15:32,340

Alright, this is fully automatic.

385

00:15:32,340 --> 00:15:34,340

Machine gun drop down the stairs.

386

00:15:34,340 --> 00:15:36,340

Here we go in three,

387

00:15:36,340 --> 00:15:38,340

two, one.

388

00:15:40,340 --> 00:15:42,340

Well, it dropped down one stair, but it didn't shoot off.

389

00:15:42,340 --> 00:15:44,340

Now, I didn't see any bad guys getting killed by that.

390

00:15:44,340 --> 00:15:46,340

Nope, in fact, it's the definition

391

00:15:46,340 --> 00:15:48,340

of anti-climactic.

392

00:15:48,340 --> 00:15:50,340

So, we dropped the machine gun from a height

393

00:15:50,340 --> 00:15:52,340

that you would be holding the gun,

394

00:15:52,340 --> 00:15:54,340

and surprise, it didn't fire off.

395

00:15:54,340 --> 00:15:56,340

It actually bounced down two stairs and didn't fire once.

396

00:15:56,340 --> 00:15:58,340

So, we dropped the machine gun from a height

397

00:15:58,340 --> 00:16:00,340

that you would be holding the gun,

398

00:16:00,340 --> 00:16:02,340

and then it bounced down two stairs and didn't fire once.

399

00:16:02,340 --> 00:16:04,340

So, we're going to raise the height

400

00:16:04,340 --> 00:16:06,340

of the gun, drop it again,

401

00:16:06,340 --> 00:16:08,340

and see if we can get this thing to fire off.

402

00:16:08,340 --> 00:16:10,340

The higher it is, the harder it should fall.

403

00:16:10,340 --> 00:16:12,340

So, will that make the difference?

404

00:16:12,340 --> 00:16:14,340

Here we go in three, two, one.

405

00:16:16,340 --> 00:16:18,340

Oh, that was perfectly...

406

00:16:18,340 --> 00:16:20,340

The gun did not fire one round.

407

00:16:20,340 --> 00:16:22,340

You know what, it hit really hard,

408

00:16:22,340 --> 00:16:24,340

and you can't ask for anything more than that.

409

00:16:24,340 --> 00:16:26,340

No discharge.

410

00:16:26,340 --> 00:16:28,340

This one's busted. Busted.

411

00:16:28,340 --> 00:16:30,340

The ballistic bedlam of the movie

412

00:16:30,340 --> 00:16:32,340

that dropped Mac 10 didn't fire a single shot.

413

00:16:32,340 --> 00:16:35,340

So, we gave this myth the best possible chance of working.

414

00:16:35,340 --> 00:16:37,340

Duplicated the circumstances of the movie.

415

00:16:37,340 --> 00:16:39,340

Now, how'd they do in the movie?

416

00:16:39,340 --> 00:16:41,340

Well, likely it was a modified gun.

417

00:16:41,340 --> 00:16:43,340

Maybe it had a hair trigger.

418

00:16:43,340 --> 00:16:46,340

Maybe it had some other type of internal modification.

419

00:16:46,340 --> 00:16:48,340

But the bottom line is, with the stock Mac 10,

420

00:16:48,340 --> 00:16:50,340

this one's busted.

421

00:16:55,340 --> 00:16:57,340

Coming up...

422

00:16:58,340 --> 00:17:00,340

For weapons...

423

00:17:00,340 --> 00:17:02,340

Nailing.

424

00:17:02,340 --> 00:17:04,340

And then face off to test the luck of the gun.

425

00:17:06,340 --> 00:17:09,340

And now, the Mythbusters hit the nail on the head.

426

00:17:09,340 --> 00:17:13,340

All right, so next up is the classic Hollywood cliché,

427

00:17:13,340 --> 00:17:15,340

the nail gun gun.

428

00:17:15,340 --> 00:17:17,340

Yeah, this comes from a movie where a good guy and bad guy

429

00:17:17,340 --> 00:17:19,340

are having a shootout on a construction site.

430

00:17:19,340 --> 00:17:21,340

The good guy loses his gun,

431

00:17:21,340 --> 00:17:23,340

and right as the bad guy is about to take him down,

432

00:17:23,340 --> 00:17:25,340

he grabs the nail gun and shoots.

433

00:17:25,340 --> 00:17:27,340

And he's got impeccable aim,

434

00:17:27,340 --> 00:17:30,340

and that's entirely lethal to the bad guy every time.

435

00:17:30,340 --> 00:17:32,340

So some nail gun target practice?

436

00:17:32,340 --> 00:17:36,340

If you're caught short without the right tool for the job,

437

00:17:36,340 --> 00:17:39,340

the Hollywood solution is on the nail.

438

00:17:39,340 --> 00:17:43,340

But could you really take down an enemy with a nail gun?

439

00:17:43,340 --> 00:17:47,340

We're going to test a classic action movie makeshift weapon.

440

00:17:47,340 --> 00:17:49,340

The nail gun.

441

00:17:49,340 --> 00:17:51,340

Now, it works a lot like a regular gun.

442

00:17:51,340 --> 00:17:53,340

You've got a magazine, the nails are fed through it,

443

00:17:53,340 --> 00:17:55,340

they load into the barrel,

444

00:17:55,340 --> 00:17:57,340

and you're going to have to hammering and shoot the nail.

445

00:17:57,340 --> 00:17:59,340

We're going to test the accuracy and penetration

446

00:17:59,340 --> 00:18:01,340

and see how it stands up to a regular gun.

447

00:18:01,340 --> 00:18:03,340

First, we're going to do a control test

448

00:18:03,340 --> 00:18:05,340

with a 9mm pistol into that target.

449

00:18:05,340 --> 00:18:07,340

Then we're going to fire at the nail gun

450

00:18:07,340 --> 00:18:10,340

to see how accurate it is and how much penetration it has.

451

00:18:10,340 --> 00:18:12,340

We're going to be shooting at a distance of 14 feet,

452

00:18:12,340 --> 00:18:15,340

which is an average distance of a typical shootout.

453

00:18:15,340 --> 00:18:19,340

All right, this is a control test with a 9mm.

454

00:18:19,340 --> 00:18:31,340

And after a little sharp shooting, the target to beat is clear.

455

00:18:31,340 --> 00:18:33,340

All right, so we've got right here,

456

00:18:33,340 --> 00:18:36,340

it's a 2.5 inch group with a 9mm pistol,

457

00:18:36,340 --> 00:18:38,340

and these passed all the way through.

458

00:18:38,340 --> 00:18:40,340

Now it's time to bring on the nail gun.

459

00:18:40,340 --> 00:18:42,340

It's tool time.

460

00:18:42,340 --> 00:18:45,340

All right, nail gun test to see how accurate and deadly it is.

461

00:18:45,340 --> 00:18:48,340

And remember, don't try this at home.

462

00:18:48,340 --> 00:18:51,340

You ready? Nailing.

463

00:18:52,340 --> 00:18:54,340

Good shoot.

464

00:18:54,340 --> 00:18:58,340

Tori hammers out a barrage of nails at the target.

465

00:18:58,340 --> 00:19:00,340

Your accuracy is very good.

466

00:19:00,340 --> 00:19:03,340

And it seems like his aim is bang on.

467

00:19:03,340 --> 00:19:08,340

But when it comes to penetration, the nails aren't nailing.

468

00:19:11,340 --> 00:19:13,340

All right, it seems accurate.

469

00:19:13,340 --> 00:19:16,340

But you know what? At 14 feet, there's no way it's penetrating

470

00:19:16,340 --> 00:19:18,340

and it's lethal.

471

00:19:18,340 --> 00:19:20,340

Now, after our first set of tests with the nail gun,

472

00:19:20,340 --> 00:19:22,340

it turns out Tori's really accurate with it.

473

00:19:22,340 --> 00:19:24,340

But as far as penetration goes,

474

00:19:24,340 --> 00:19:27,340

well, the nails, they're just bouncing off the wood.

475

00:19:27,340 --> 00:19:29,340

So we're going to move into half that distance,

476

00:19:29,340 --> 00:19:31,340

7 feet, and try it again.

477

00:19:31,340 --> 00:19:33,340

So we'll halving the distance,

478

00:19:33,340 --> 00:19:36,340

double the penetration power of the nails.

479

00:19:37,340 --> 00:19:42,340

All right, nail gun as a lethal weapon at 7 feet.

480

00:19:42,340 --> 00:19:44,340

Pounce off.

481

00:19:44,340 --> 00:19:46,340

The nails fly true.

482

00:19:46,340 --> 00:19:48,340

Oh, yeah.

483

00:19:48,340 --> 00:19:51,340

And a few even lodge in the target.

484

00:19:51,340 --> 00:19:53,340

Oh.

485

00:19:53,340 --> 00:19:55,340

But even at half the distance,

486

00:19:55,340 --> 00:19:58,340

the nail gun doesn't drive all the nails home.

487

00:19:58,340 --> 00:20:02,340

Instead, most bounce off the target once again.

488

00:20:02,340 --> 00:20:04,340

All right, well, we got a few to stick.

489

00:20:04,340 --> 00:20:06,340

Yeah, but that's not a 15 shots.

490

00:20:06,340 --> 00:20:09,340

Yeah, the nail gun is not a very consistent weapon.

491

00:20:09,340 --> 00:20:12,340

And when they did hit the target, they didn't penetrate that deep.

492

00:20:12,340 --> 00:20:15,340

And that is the final nail in the coffin for this myth.

493

00:20:15,340 --> 00:20:19,340

Because to be lethal, the nails would have to pass clean through.

494

00:20:24,340 --> 00:20:27,340

Next up, it's Pistols at Dawn.

495

00:20:27,340 --> 00:20:29,340

All right, picture this.

496

00:20:29,340 --> 00:20:32,340

You're in an old Western-style duel staring each other down

497

00:20:32,340 --> 00:20:34,340

with a twitchy trigger finger.

498

00:20:34,340 --> 00:20:36,340

One of you draws, you both shoot. Who wins?

499

00:20:36,340 --> 00:20:38,340

Wouldn't it be the guy who draws first?

500

00:20:38,340 --> 00:20:40,340

I mean, his gun's already out.

501

00:20:40,340 --> 00:20:42,340

I guess it's gonna be sooner, right?

502

00:20:42,340 --> 00:20:44,340

Yeah, but you know what? In every Hollywood movie,

503

00:20:44,340 --> 00:20:46,340

it's always the guy who draws second that wins the gun battle.

504

00:20:46,340 --> 00:20:48,340

Well, the real-life scenario seems like it makes more sense.

505

00:20:48,340 --> 00:20:52,340

But research suggests that your reaction times are actually quicker

506

00:20:52,340 --> 00:20:54,340

when you're reacting versus initiating a draw.

507

00:20:54,340 --> 00:20:56,340

So you're quicker if you fire second.

508

00:20:56,340 --> 00:20:58,340

Yeah.

509

00:20:58,340 --> 00:21:00,340

I guess it's quick draw time for us.

510

00:21:00,340 --> 00:21:02,340

I warned you about laughing at the law.

511

00:21:02,340 --> 00:21:05,340

Now, pitch up or go for your gun.

512

00:21:05,340 --> 00:21:09,340

This Wild West myth is all about the luck of the draw.

513

00:21:10,340 --> 00:21:14,340

But can the good guy really defeat the bad guy at ten paces,

514

00:21:14,340 --> 00:21:17,340

even though he draws second?

515

00:21:17,340 --> 00:21:21,340

Back at the range, they've got the timing right to find out.

516

00:21:21,340 --> 00:21:23,340

Draw!

517

00:21:23,340 --> 00:21:25,340

So this is how we're gonna run our experiment.

518

00:21:25,340 --> 00:21:28,340

We're gonna draw our guns and take a shot on our own volition,

519

00:21:28,340 --> 00:21:31,340

record it on high speed and see exactly how much time it takes

520

00:21:31,340 --> 00:21:34,340

to pull a gun from the holster and take the shot.

521

00:21:34,340 --> 00:21:37,340

Once we have our action times, we'll perform the test again

522

00:21:37,340 --> 00:21:40,340

to get our reaction times reacting to this light.

523

00:21:40,340 --> 00:21:43,340

When we see the light go on, we draw.

524

00:21:43,340 --> 00:21:45,340

Now, normally in a shootout, the cowboys would be using

525

00:21:45,340 --> 00:21:47,340

a single action revolver like this.

526

00:21:47,340 --> 00:21:50,340

Now, a single action revolver means you have to pull the hammer back

527

00:21:50,340 --> 00:21:52,340

before it will fire.

528

00:21:52,340 --> 00:21:54,340

Now, we want to remove that from the equation,

529

00:21:54,340 --> 00:21:56,340

so we're going with a double action pistol.

530

00:21:56,340 --> 00:21:59,340

That means you squeeze the trigger and it fires.

531

00:21:59,340 --> 00:22:03,340

Because this test is all about reaction time, not skill,

532

00:22:03,340 --> 00:22:05,340

the squeeze trigger is key.

533

00:22:05,340 --> 00:22:07,340

Alright, cowgirl, you're up first.

534

00:22:07,340 --> 00:22:08,340

Let's do it.

535

00:22:08,340 --> 00:22:11,340

And to draw first blood, it's Buffalo Byron.

536

00:22:11,340 --> 00:22:13,340

You feel lucky, punk.

537

00:22:13,340 --> 00:22:16,340

Test one has Carrie initiating the draw.

538

00:22:18,340 --> 00:22:20,340

Nice shoot, Deeks.

539

00:22:20,340 --> 00:22:21,340

That's a good one.

540

00:22:21,340 --> 00:22:24,340

Then Tori and Grant trigger the red light.

541

00:22:27,340 --> 00:22:29,340

That was pretty fast.

542

00:22:29,340 --> 00:22:31,340

That looked much faster than your initial shot.

543

00:22:31,340 --> 00:22:33,340

I think there's a lot of adrenaline for this one,

544

00:22:33,340 --> 00:22:35,340

because I was just like, ugh.

545

00:22:35,340 --> 00:22:36,340

I think so.

546

00:22:36,340 --> 00:22:37,340

That was awesome.

547

00:22:37,340 --> 00:22:41,340

And while the high speed captured her lightning fast response,

548

00:22:41,340 --> 00:22:43,340

the number crunching won't happen

549

00:22:43,340 --> 00:22:47,340

until the data on all three amigos and their reactions are in.

550

00:22:48,340 --> 00:22:51,340

Next, the Imahara Kid steps up.

551

00:22:54,340 --> 00:22:56,340

Yeah, that was it.

552

00:22:56,340 --> 00:22:59,340

After initiating, it's time for the red light.

553

00:22:59,340 --> 00:23:00,340

Second.

554

00:23:00,340 --> 00:23:03,340

And Grant waits a little longer for his cue.

555

00:23:03,340 --> 00:23:05,340

Good concentration.

556

00:23:08,340 --> 00:23:10,340

Alright, nice shooting.

557

00:23:10,340 --> 00:23:11,340

Took a while.

558

00:23:11,340 --> 00:23:13,340

I had to blink, my eyes were watering.

559

00:23:13,340 --> 00:23:15,340

Alright, I'm gonna go get into character.

560

00:23:15,340 --> 00:23:17,340

Oh, no.

561

00:23:17,340 --> 00:23:21,340

Finally, Tombstone Tori takes aim for his quick draw.

562

00:23:22,340 --> 00:23:24,340

Adios, muchachos.

563

00:23:25,340 --> 00:23:26,340

That was quick.

564

00:23:26,340 --> 00:23:27,340

That looked good.

565

00:23:27,340 --> 00:23:29,340

Looks like you've done some quick draw before.

566

00:23:29,340 --> 00:23:32,340

Oh, yeah, back in the Meen streets of Monterey, California.

567

00:23:32,340 --> 00:23:36,340

Well, I hear that's the area a lot of cowboys come from.

568

00:23:38,340 --> 00:23:40,340

And then faces off against the red light.

569

00:23:46,340 --> 00:23:48,340

I felt like I went slower on my reaction time.

570

00:23:48,340 --> 00:23:49,340

I felt slower, too.

571

00:23:49,340 --> 00:23:50,340

Did you?

572

00:23:50,340 --> 00:23:51,340

Yeah.

573

00:23:51,340 --> 00:23:52,340

But we'll see what the high speed.

574

00:23:52,340 --> 00:23:53,340

Yeah, we'll know for sure.

575

00:23:53,340 --> 00:23:55,340

This myth all comes down to the comparisons.

576

00:23:55,340 --> 00:23:58,340

Add first up, they're delving into Tori's draws.

577

00:24:01,340 --> 00:24:03,340

So, Tori, you actually went faster.

578

00:24:03,340 --> 00:24:04,340

What?

579

00:24:04,340 --> 00:24:06,340

Yeah, by 140 milliseconds.

580

00:24:06,340 --> 00:24:08,340

Tori's reaction was a fraction faster,

581

00:24:08,340 --> 00:24:10,340

which is good news for the myth.

582

00:24:10,340 --> 00:24:12,340

But when it comes to Grant...

583

00:24:12,340 --> 00:24:15,340

I went a little bit slower at 16 milliseconds.

584

00:24:15,340 --> 00:24:17,340

I mean, it's virtually the same.

585

00:24:17,340 --> 00:24:20,340

But the most startling results are from quick draw Byron.

586

00:24:20,340 --> 00:24:22,340

And then Cary.

587

00:24:22,340 --> 00:24:25,340

290 milliseconds faster.

588

00:24:25,340 --> 00:24:26,340

Wow.

589

00:24:26,340 --> 00:24:27,340

I'm good under pressure.

590

00:24:27,340 --> 00:24:29,340

Good under pressure, indeed.

591

00:24:29,340 --> 00:24:33,340

Both Cary and Tori's reaction draws were actually faster.

592

00:24:33,340 --> 00:24:35,340

So what does that mean for the myth?

593

00:24:35,340 --> 00:24:38,340

Based on our experiments, it seems that reaction time

594

00:24:38,340 --> 00:24:41,340

is actually faster than action time.

595

00:24:41,340 --> 00:24:43,340

Now, my case, for fun, is similar.

596

00:24:43,340 --> 00:24:46,340

But in Cary's case, it was vastly improved.

597

00:24:48,340 --> 00:24:51,340

Of course, it doesn't take into account having a moving target.

598

00:24:51,340 --> 00:24:52,340

A live target.

599

00:24:52,340 --> 00:24:54,340

So, I think for the next step,

600

00:24:54,340 --> 00:24:57,340

we're going to have to fire at each other.

601

00:24:57,340 --> 00:25:01,340

Yep, the myth that reaction is better than action is looking good.

602

00:25:01,340 --> 00:25:06,340

But for the ultimate test, they'll face off at ten paces.

603

00:25:08,340 --> 00:25:10,340

Do not try what you're about to see at home.

604

00:25:10,340 --> 00:25:13,340

Wear what you call experts.

605

00:25:21,340 --> 00:25:25,340

It's been ballistic bedlam for the Hollywood Gun Special.

606

00:25:28,340 --> 00:25:32,340

And there's still four pistol-popping nits in the chamber.

607

00:25:34,340 --> 00:25:37,340

So, let's get back to the Wild West.

608

00:25:37,340 --> 00:25:40,340

It's a tableau that you've seen in a hundred Westerns.

609

00:25:40,340 --> 00:25:44,340

Two gunslingers facing each other down in a lonely alley.

610

00:25:44,340 --> 00:25:47,340

One good, one bad.

611

00:25:47,340 --> 00:25:50,340

The good guy waits for the bad guy to start to move,

612

00:25:50,340 --> 00:25:52,340

and then he shoots him dead.

613

00:25:52,340 --> 00:25:57,340

The myth is that the first guy to move is going to lose.

614

00:25:57,340 --> 00:26:00,340

Yep, and so far, Cary, Tori and Grant...

615

00:26:00,340 --> 00:26:03,340

So, Tori, you actually went faster.

616

00:26:03,340 --> 00:26:06,340

...found that you can react faster than initiate.

617

00:26:06,340 --> 00:26:08,340

290 milliseconds faster.

618

00:26:08,340 --> 00:26:10,340

I'm good at a pressure.

619

00:26:10,340 --> 00:26:12,340

But now, it's over to the news.

620

00:26:12,340 --> 00:26:15,340

Will the second to draw still win the duel

621

00:26:15,340 --> 00:26:19,340

when they start firing at each other with paintballs?

622

00:26:19,340 --> 00:26:21,340

So, it's come down to this.

623

00:26:21,340 --> 00:26:24,340

Adam and I will be facing off at a distance of ten feet.

624

00:26:24,340 --> 00:26:26,340

I will draw first three times,

625

00:26:26,340 --> 00:26:29,340

and then Jamie will draw first three times.

626

00:26:29,340 --> 00:26:31,340

Then we'll have a look at the high speed

627

00:26:31,340 --> 00:26:34,340

and see if he who moves first dies first.

628

00:26:34,340 --> 00:26:37,340

And with both our outlaws wearing paintball pants,

629

00:26:37,340 --> 00:26:40,340

we'll see who's going to be the winner.

630

00:26:40,340 --> 00:26:43,340

With both our outlaws wearing paintball protection,

631

00:26:43,340 --> 00:26:46,340

Sundance Savage will initiate first,

632

00:26:46,340 --> 00:26:49,340

and then the Heinemann will react,

633

00:26:49,340 --> 00:26:52,340

who will draw first paint.

634

00:26:57,340 --> 00:26:59,340

We shot at the exact same time.

635

00:26:59,340 --> 00:27:01,340

Adam drew first,

636

00:27:01,340 --> 00:27:04,340

but it seems as though the shots were simultaneous.

637

00:27:04,340 --> 00:27:07,340

So, the winner of these split second draws...

638

00:27:07,340 --> 00:27:08,340

I'm sorry.

639

00:27:08,340 --> 00:27:09,340

You got me right here.

640

00:27:09,340 --> 00:27:12,340

That was a lovely clean shot right there.

641

00:27:12,340 --> 00:27:16,340

Won't be decided until the high speed referee has all the data.

642

00:27:20,340 --> 00:27:24,340

And after three savage draws, it's Jamie's turn.

643

00:27:24,340 --> 00:27:28,340

Ah, you totally got me. Nice hit.

644

00:27:28,340 --> 00:27:29,340

I think you got me.

645

00:27:29,340 --> 00:27:33,340

The Heinemann is just as quick on the draw as Adam.

646

00:27:33,340 --> 00:27:34,340

I got you.

647

00:27:34,340 --> 00:27:36,340

You totally got me.

648

00:27:36,340 --> 00:27:37,340

You nailed me.

649

00:27:37,340 --> 00:27:40,340

I got a shot off almost just right at the same time you did,

650

00:27:40,340 --> 00:27:41,340

but I missed you.

651

00:27:41,340 --> 00:27:44,340

And he gets all his shots off cleanly.

652

00:27:46,340 --> 00:27:49,340

I'm dead. Dead, dead as a doorknail.

653

00:27:53,340 --> 00:27:55,340

Oh, wait, right. I'm dead.

654

00:27:57,340 --> 00:27:58,340

Adam's playing dead,

655

00:27:58,340 --> 00:28:02,340

but who actually won this battle of the draw?

656

00:28:02,340 --> 00:28:04,340

We've reviewed all the high speeds,

657

00:28:04,340 --> 00:28:07,340

and the first thing we determined is that Jamie and I are pretty evenly matched

658

00:28:07,340 --> 00:28:10,340

in terms of our reaction time and our shooting,

659

00:28:10,340 --> 00:28:13,340

which means that every single time the first guy to draw

660

00:28:13,340 --> 00:28:15,340

was the first guy to get off a shot.

661

00:28:16,340 --> 00:28:20,340

So, it seems that when you're reacting to a cowboy and not a red light,

662

00:28:20,340 --> 00:28:23,340

there's no substitute for drawing first.

663

00:28:23,340 --> 00:28:25,340

If he who draws first dies first,

664

00:28:25,340 --> 00:28:27,340

I think we've completely busted it here.

665

00:28:27,340 --> 00:28:28,340

Yeah, we did.

666

00:28:28,340 --> 00:28:29,340

But you know what?

667

00:28:29,340 --> 00:28:32,340

Even though the first guy to draw was always the first guy to shoot,

668

00:28:32,340 --> 00:28:36,340

it wasn't by much, which means that if both guys are decent shots,

669

00:28:36,340 --> 00:28:38,340

both guys are more than likely dead.

670

00:28:38,340 --> 00:28:41,340

Yeah, it's not a test of skill. It's a mutual suicide pack.

671

00:28:41,340 --> 00:28:42,340

Let's get out of here.

672

00:28:52,340 --> 00:28:53,340

Next, take cover,

673

00:28:53,340 --> 00:28:56,340

because the Mythbusters are taking aim at cinematic ammunition.

674

00:28:56,340 --> 00:29:00,340

All right, so this next Hollywood gun cliché has to deal with weird bullets.

675

00:29:00,340 --> 00:29:01,340

What are we talking about here?

676

00:29:01,340 --> 00:29:03,340

All right, the Lone Ranger used silver bullets.

677

00:29:03,340 --> 00:29:07,340

Some gangsters used bullets with the names of their victims inscribed on the bullet.

678

00:29:07,340 --> 00:29:11,340

Oh, so the myth is whether these unusual bullets would actually work as ammunition.

679

00:29:11,340 --> 00:29:13,340

Exactly, an engraved bullet might be unbalanced.

680

00:29:13,340 --> 00:29:16,340

A silver bullet might not have the right density,

681

00:29:16,340 --> 00:29:17,340

and it might just break apart.

682

00:29:20,340 --> 00:29:22,340

According to the horror movies,

683

00:29:22,340 --> 00:29:26,340

a silver bullet is the only thing that can stop a werewolf dead.

684

00:29:27,340 --> 00:29:30,340

And marking a bullet with the name of your enemy

685

00:29:30,340 --> 00:29:32,340

is Western's 101.

686

00:29:32,340 --> 00:29:36,340

But when these weird bulletistics even hit the mark...

687

00:29:36,340 --> 00:29:40,340

Ladies and gentlemen, let me introduce you to public enemy number one.

688

00:29:42,340 --> 00:29:43,340

Now, to test this myth,

689

00:29:43,340 --> 00:29:46,340

we'll be firing our M1 Garand at the target behind me.

690

00:29:46,340 --> 00:29:49,340

Things that we're interested in are accuracy and penetrating power.

691

00:29:49,340 --> 00:29:50,340

But to keep our aim consistent,

692

00:29:50,340 --> 00:29:53,340

we've brought in firearms consultant Stephen Lew,

693

00:29:53,340 --> 00:29:55,340

who's also an expert marksman.

694

00:29:55,340 --> 00:29:58,340

Not only are we looking at how accurate these bullets are,

695

00:29:58,340 --> 00:30:01,340

but we also want to find out how much damage they do.

696

00:30:01,340 --> 00:30:04,340

So, behind the target, we have blocks of clay.

697

00:30:04,340 --> 00:30:06,340

So that way, these will record the damage of each bullet.

698

00:30:06,340 --> 00:30:08,340

Then we'll be able to compare the bullets

699

00:30:08,340 --> 00:30:10,340

and see which one does more damage.

700

00:30:10,340 --> 00:30:14,340

First up is our control test with the lead bullet firing 100 feet away.

701

00:30:19,340 --> 00:30:21,340

Oh, yeah, he hit the clay.

702

00:30:21,340 --> 00:30:23,340

Yeah, that's a shower of clay.

703

00:30:23,340 --> 00:30:24,340

It's still coming down.

704

00:30:29,340 --> 00:30:32,340

That's the control and it's pottery in motion.

705

00:30:33,340 --> 00:30:37,340

But can the silver bullets make the same kind of claymation?

706

00:30:37,340 --> 00:30:39,340

Now, I've cast silver before.

707

00:30:39,340 --> 00:30:42,340

Now, it shrinks when it cools and it often deforms in pits.

708

00:30:42,340 --> 00:30:44,340

This could pose a problem for accuracy.

709

00:30:45,340 --> 00:30:48,340

Maybe, but it's over to Stephen to find out.

710

00:30:48,340 --> 00:30:50,340

Okay, silver bullet this time.

711

00:30:50,340 --> 00:30:51,340

What do you think?

712

00:30:51,340 --> 00:30:53,340

I think we might be able to kill some werewolves.

713

00:30:53,340 --> 00:30:54,340

We'll see.

714

00:30:54,340 --> 00:30:58,340

I don't know, can't tell.

715

00:30:58,340 --> 00:30:59,340

No, not at all.

716

00:30:59,340 --> 00:31:02,340

Even though the silver bullets have identical dimensions to the lead,

717

00:31:02,340 --> 00:31:04,340

test one missed the target.

718

00:31:05,340 --> 00:31:07,340

Shot two veers right.

719

00:31:10,340 --> 00:31:12,340

And so does shot three.

720

00:31:12,340 --> 00:31:13,340

It's appearing off to the right.

721

00:31:13,340 --> 00:31:18,340

So, judging by the clay, this silver screen ammo is off the mark.

722

00:31:18,340 --> 00:31:22,340

So, it looks like the silver bullet isn't as accurate as a lead bullet.

723

00:31:22,340 --> 00:31:23,340

That's interesting.

724

00:31:23,340 --> 00:31:24,340

Yeah, definitely not.

725

00:31:24,340 --> 00:31:26,340

So, if you're going for a kill shot or a werewolf,

726

00:31:26,340 --> 00:31:28,340

you're not even going to hit his heart.

727

00:31:28,340 --> 00:31:31,340

Silver Justice may be busted,

728

00:31:31,340 --> 00:31:35,340

but there's one more unconventional round in the chamber.

729

00:31:36,340 --> 00:31:39,340

Now, it's a common theme in Westerns that if you have a mortal enemy,

730

00:31:39,340 --> 00:31:42,340

you carve their name into a bullet so that if you run into them,

731

00:31:42,340 --> 00:31:43,340

you can kill them with it.

732

00:31:43,340 --> 00:31:45,340

So, we're going to fire this bullet,

733

00:31:45,340 --> 00:31:49,340

but first, I'm going to carve the name of a no-good dirty varmin into it.

734

00:31:49,340 --> 00:31:51,340

That's right, Buster.

735

00:31:51,340 --> 00:31:53,340

But we'll grant beautiful cursive,

736

00:31:53,340 --> 00:31:55,340

curve the bullet.

737

00:31:55,340 --> 00:31:59,340

Now, our silver bullet suffered an accuracy because it wasn't perfect.

738

00:31:59,340 --> 00:32:02,340

The engraving might actually really affect the trajectory here.

739

00:32:02,340 --> 00:32:03,340

It's going to be interesting to see.

740

00:32:03,340 --> 00:32:06,340

Buster, we got a bullet with your name on it.

741

00:32:06,340 --> 00:32:07,340

Ha ha.

742

00:32:09,340 --> 00:32:11,340

Steve's marksmanship is bang on.

743

00:32:12,340 --> 00:32:15,340

But did the carved bullet carve up the clay?

744

00:32:15,340 --> 00:32:16,340

Oh!

745

00:32:16,340 --> 00:32:18,340

So, that looks about the same,

746

00:32:18,340 --> 00:32:21,340

we destroyed the first block of clay and put a dent in the second one.

747

00:32:22,340 --> 00:32:25,340

So, it looks like engraving made no difference at all.

748

00:32:25,340 --> 00:32:28,340

Confirmed. Silver bullet? Not so much.

749

00:32:28,340 --> 00:32:29,340

No.

750

00:32:32,340 --> 00:32:33,340

Woo hoo!

751

00:32:33,340 --> 00:32:34,340

After the break.

752

00:32:34,340 --> 00:32:35,340

Uh-uh!

753

00:32:35,340 --> 00:32:37,340

Action hero Tory...

754

00:32:37,340 --> 00:32:38,340

Miss me!

755

00:32:38,340 --> 00:32:40,340

...runs the gun gauntlet.

756

00:32:40,340 --> 00:32:41,340

Ha ha ha!

757

00:32:41,340 --> 00:32:42,340

But will he survive?

758

00:32:42,340 --> 00:32:44,340

Eat my paint!

759

00:32:49,340 --> 00:32:52,340

Now for a moving target myth.

760

00:32:53,340 --> 00:32:55,340

So, here's another Hollywood gun cliché.

761

00:32:55,340 --> 00:32:57,340

The hero never gets hit.

762

00:32:57,340 --> 00:33:00,340

Oh, that's in everything from Bond to the A-Team.

763

00:33:00,340 --> 00:33:02,340

You know, depending on who the shooter is,

764

00:33:02,340 --> 00:33:04,340

guns might not be that accurate, especially handguns.

765

00:33:04,340 --> 00:33:07,340

And if the hero is running fast enough, he might be okay.

766

00:33:07,340 --> 00:33:09,340

Well, you know, I got an idea of how to test this.

767

00:33:09,340 --> 00:33:10,340

Why don't we go to a shooting range?

768

00:33:10,340 --> 00:33:12,340

It has a lot of nooks and crannies and obstacles.

769

00:33:12,340 --> 00:33:15,340

And then, Carrie, you and I get some high-power paint guns,

770

00:33:15,340 --> 00:33:17,340

and we have Tory run the gauntlet.

771

00:33:17,340 --> 00:33:19,340

I like where you're going with this,

772

00:33:19,340 --> 00:33:20,340

especially the high-powered paintball guns.

773

00:33:20,340 --> 00:33:21,340

Oh, you guys are shooting.

774

00:33:21,340 --> 00:33:23,340

I was worried for a second.

775

00:33:23,340 --> 00:33:24,340

Ha ha ha!

776

00:33:24,340 --> 00:33:25,340

John.

777

00:33:27,340 --> 00:33:29,340

It's a classic cinematic scenario.

778

00:33:29,340 --> 00:33:31,340

Running through a shower of bullets,

779

00:33:31,340 --> 00:33:35,340

miraculously, the hero remains unharmed.

780

00:33:35,340 --> 00:33:39,340

But can you really escape injury from a rain of fire?

781

00:33:42,340 --> 00:33:44,340

We're here at the Yolo County bomb range

782

00:33:44,340 --> 00:33:46,340

to test the Hollywood myth.

783

00:33:46,340 --> 00:33:48,340

Can the action hero run through a firefight,

784

00:33:48,340 --> 00:33:50,340

get shot at by all the bad guys,

785

00:33:50,340 --> 00:33:52,340

and not get hit by one single bullet?

786

00:33:52,340 --> 00:33:55,340

Well, to test that, they've got an obstacle course,

787

00:33:55,340 --> 00:33:58,340

and they're armed with paintball guns.

788

00:33:58,340 --> 00:34:01,340

But before they get started, they'll need protection.

789

00:34:04,340 --> 00:34:05,340

B.

790

00:34:05,340 --> 00:34:07,340

Ah!

791

00:34:09,340 --> 00:34:13,340

Oh, future generations are groaning.

792

00:34:13,340 --> 00:34:15,340

So here's how it's going to go.

793

00:34:15,340 --> 00:34:18,340

To begin with, Carrie and I will be facing this direction.

794

00:34:18,340 --> 00:34:21,340

When everybody's ready, we'll yell 3-2-1-go,

795

00:34:21,340 --> 00:34:23,340

at which point the time will start,

796

00:34:23,340 --> 00:34:25,340

Tory will start running, and we'll turn around

797

00:34:25,340 --> 00:34:27,340

and see how quickly we can shoot him.

798

00:34:27,340 --> 00:34:30,340

My job is to get across this field without getting shot.

799

00:34:30,340 --> 00:34:32,340

But I do have an advantage.

800

00:34:32,340 --> 00:34:34,340

They have no idea where I'm going to be starting from.

801

00:34:34,340 --> 00:34:36,340

Do I think they're going to hit me?

802

00:34:36,340 --> 00:34:40,340

I wouldn't be doing this if I thought they had a chance.

803

00:34:41,340 --> 00:34:43,340

Tory's supremely confident,

804

00:34:43,340 --> 00:34:46,340

but with both Carrie and Grant poised to shoot...

805

00:34:46,340 --> 00:34:48,340

All right, looks like Tory's ready to go.

806

00:34:48,340 --> 00:34:52,340

It's time for him to run for his hypothetical life.

807

00:34:52,340 --> 00:34:53,340

Okay, this is it.

808

00:34:53,340 --> 00:34:56,340

This is my big chance to get across the field without getting hit.

809

00:34:56,340 --> 00:35:00,340

In 3-2-1-go!

810

00:35:02,340 --> 00:35:04,340

Tory runs the gauntlet.

811

00:35:04,340 --> 00:35:05,340

Miss me!

812

00:35:05,340 --> 00:35:07,340

Ducking and diving.

813

00:35:07,340 --> 00:35:09,340

Ah! Got him!

814

00:35:09,340 --> 00:35:12,340

But it's not long until he's hit.

815

00:35:12,340 --> 00:35:15,340

And no amount of cover will save him now.

816

00:35:17,340 --> 00:35:21,340

Because although Tory was quick, he's also dead.

817

00:35:22,340 --> 00:35:27,340

Well, it turns out an action hero can get hit in a gunfire.

818

00:35:27,340 --> 00:35:29,340

How long did it take for me to get hit?

819

00:35:29,340 --> 00:35:30,340

Six seconds.

820

00:35:30,340 --> 00:35:31,340

That's not much time.

821

00:35:31,340 --> 00:35:33,340

No, you know, compared to your average action hero movie,

822

00:35:33,340 --> 00:35:35,340

that seemed really easy.

823

00:35:35,340 --> 00:35:37,340

Six seconds is all it took.

824

00:35:37,340 --> 00:35:41,340

But this myth ain't over until the good guy gets a gun.

825

00:35:41,340 --> 00:35:43,340

But now we're moving on to the next test.

826

00:35:43,340 --> 00:35:46,340

This time, I get a gun and I'm firing back.

827

00:35:46,340 --> 00:35:48,340

Let's see if they can hit me now.

828

00:35:48,340 --> 00:35:50,340

Part one is busted.

829

00:35:50,340 --> 00:35:53,340

But if the action hero is on the counterattack,

830

00:35:53,340 --> 00:35:56,340

is that enough to make him invincible?

831

00:35:56,340 --> 00:35:59,340

To find out, Carrie and Grant will attempt to evade Tory's fire

832

00:35:59,340 --> 00:36:02,340

while he attempts to evade theirs.

833

00:36:02,340 --> 00:36:06,340

All right, this hero never gets hit with the hero firing back.

834

00:36:06,340 --> 00:36:10,340

In three, two, one, go.

835

00:36:10,340 --> 00:36:14,340

This time, Tory takes the gauntlet from the other side,

836

00:36:14,340 --> 00:36:17,340

and he's giving as good as he gets.

837

00:36:17,340 --> 00:36:21,340

And he survives longer than his previous six seconds easily.

838

00:36:21,340 --> 00:36:23,340

I didn't get hit.

839

00:36:23,340 --> 00:36:24,340

I didn't get hit.

840

00:36:24,340 --> 00:36:26,340

Eat my pain.

841

00:36:26,340 --> 00:36:31,340

But as the test continues, at the 30-second mark, he takes a hit.

842

00:36:31,340 --> 00:36:34,340

But then, so do his foes.

843

00:36:36,340 --> 00:36:38,340

And the scientific testing...

844

00:36:38,340 --> 00:36:42,340

...devolves into a paintball free-for-all.

845

00:36:45,340 --> 00:36:47,340

But once the wild bunch calm down,

846

00:36:47,340 --> 00:36:50,340

what does that test mean for the myth?

847

00:36:51,340 --> 00:36:53,340

Dang, you guys nailed me.

848

00:36:53,340 --> 00:36:56,340

All right, so how far did I make it before I got hit?

849

00:36:56,340 --> 00:36:57,340

30 seconds.

850

00:36:57,340 --> 00:36:58,340

30 seconds.

851

00:36:58,340 --> 00:36:59,340

Yeah.

852

00:36:59,340 --> 00:37:00,340

So why'd you guys keep shooting?

853

00:37:00,340 --> 00:37:02,340

Because it was fun.

854

00:37:02,340 --> 00:37:03,340

Well, you know what?

855

00:37:03,340 --> 00:37:04,340

This one is still busted.

856

00:37:04,340 --> 00:37:06,340

I mean, the hero still gets hit no matter what.

857

00:37:06,340 --> 00:37:07,340

Yeah, but you know what?

858

00:37:07,340 --> 00:37:10,340

It's a lot harder to get hit when you're firing back.

859

00:37:10,340 --> 00:37:12,340

Yeah, and I think I got a little blood thirsty.

860

00:37:12,340 --> 00:37:14,340

Once he left, I started shooting you both.

861

00:37:14,340 --> 00:37:16,340

What happened there?

862

00:37:16,340 --> 00:37:17,340

Looks like I got you.

863

00:37:17,340 --> 00:37:19,340

Yeah, I think we're all dead.

864

00:37:34,340 --> 00:37:37,340

The first type of paintball gun was actually designed

865

00:37:37,340 --> 00:37:40,340

for ranchers to easily mark their livestock.

866

00:37:54,340 --> 00:37:56,340

How many times have you seen this in the movie?

867

00:37:56,340 --> 00:37:58,340

The hero gets shot, falls down,

868

00:37:58,340 --> 00:38:00,340

eyes closed, music swells,

869

00:38:00,340 --> 00:38:03,340

just as you're ready to weep because he's dead.

870

00:38:03,340 --> 00:38:06,340

Boop, he pops up because something in his pocket

871

00:38:06,340 --> 00:38:08,340

has deflected the bullet and saved his life.

872

00:38:08,340 --> 00:38:11,340

From lighters to bibles to packs of cards.

873

00:38:11,340 --> 00:38:14,340

Exactly, and there are so many examples of this from movies

874

00:38:14,340 --> 00:38:18,340

that we have tested it multiple, multiple times on the show.

875

00:38:18,340 --> 00:38:21,340

Well, why don't we ask the editors to pull all of these things

876

00:38:21,340 --> 00:38:24,340

into one giant assembly and settle out what's bulletproof

877

00:38:24,340 --> 00:38:26,340

or not once and for all?

878

00:38:26,340 --> 00:38:27,340

Perfect.

879

00:38:27,340 --> 00:38:28,340

Editors?

880

00:38:28,340 --> 00:38:34,340

This is 9mm into Frankenfish.

881

00:38:34,340 --> 00:38:38,340

Over the years, the mythbusters have taken aim at the strange.

882

00:38:38,340 --> 00:38:42,340

Killing the undead.

883

00:38:42,340 --> 00:38:44,340

And the downright bizarre.

884

00:38:50,340 --> 00:38:53,340

But what's the score when it comes to stopping a slug?

885

00:38:53,340 --> 00:38:55,340

Well, let's lock and load.

886

00:38:55,340 --> 00:38:57,340

So start the tally.

887

00:38:57,340 --> 00:38:59,340

Because here comes the list.

888

00:39:01,340 --> 00:39:03,340

Ah, went all the way through.

889

00:39:09,340 --> 00:39:10,340

What?

890

00:39:12,340 --> 00:39:14,340

I can see you.

891

00:39:16,340 --> 00:39:19,340

Ha ha ha, ha, check out my new pulling through vest, man.

892

00:39:19,340 --> 00:39:22,340

You want to try aiming for the battery?

893

00:39:32,340 --> 00:39:34,340

Holy Cremoly.

894

00:39:43,340 --> 00:39:46,340

But the most disturbing discovery was about the,

895

00:39:46,340 --> 00:39:50,340

supposedly bulletproof shields they used all through series one.

896

00:39:54,340 --> 00:39:56,340

Not even remotely bulletproof.

897

00:39:56,340 --> 00:39:59,340

You told us all was actually bulletproof and it's not.

898

00:39:59,340 --> 00:40:02,340

That plastic is a bulletproof plastic when it's used

899

00:40:02,340 --> 00:40:05,340

in appropriate thicknesses and arrangements.

900

00:40:05,340 --> 00:40:07,340

Yep, like a one inch thickness.

901

00:40:10,340 --> 00:40:13,340

Yeah, that definitely stopped it.

902

00:40:13,340 --> 00:40:17,340

The mythbusters have also turned their own hand to bulletproofing

903

00:40:17,340 --> 00:40:19,340

with mixed success.

904

00:40:19,340 --> 00:40:21,340

This is just cornstarch and water.

905

00:40:21,340 --> 00:40:23,340

Two, one.

906

00:40:26,340 --> 00:40:29,340

That's FGR 95 with aluminum cubes.

907

00:40:29,340 --> 00:40:31,340

It did not make it through.

908

00:40:31,340 --> 00:40:33,340

I'm going to try these tie-ons.

909

00:40:33,340 --> 00:40:35,340

Let's get out to the shooting range.

910

00:40:44,340 --> 00:40:46,340

Jamie tied three.

911

00:40:46,340 --> 00:40:48,340

Bullets in ammunition.

912

00:40:48,340 --> 00:40:52,340

And finally, the truly grossest and most bizarre.

913

00:40:52,340 --> 00:40:53,340

Oh yeah.

914

00:40:53,340 --> 00:40:58,340

The idea that if you were fat enough or strong enough,

915

00:40:58,340 --> 00:41:00,340

you could stop a bullet.

916

00:41:00,340 --> 00:41:03,340

Three, two, one.

917

00:41:07,340 --> 00:41:09,340

Firing into muscles.

918

00:41:13,340 --> 00:41:15,340

So muscle didn't even do it.

919

00:41:15,340 --> 00:41:17,340

Muscle, nor fat.

920

00:41:17,340 --> 00:41:19,340

No part of your body is going to make you bulletproof

921

00:41:19,340 --> 00:41:20,340

or superhuman.

922

00:41:20,340 --> 00:41:22,340

You're going to have to give that plan up.

923

00:41:22,340 --> 00:41:25,340

And there you have it, the definitive list.

924

00:41:25,340 --> 00:41:27,340

But we're not done yet.

925

00:41:30,340 --> 00:41:31,340

Let's do it.

926

00:41:31,340 --> 00:41:33,340

No mythbusters gun special would be complete

927

00:41:33,340 --> 00:41:37,340

without an entirely gratuitous, totally ballistic,

928

00:41:37,340 --> 00:41:40,340

spectacular shoot-em-up montage.

929

00:42:13,340 --> 00:42:15,340

That's all for now.

930

00:42:15,340 --> 00:42:17,340

Thanks for watching.